



CONTENTS OF VOLUME 28

Number 1

Role of Nitrite in Flavour Development in Uncooked Cured Meat Products: Sensory Assessment	1
P. NOEL, E. BRIAND & J. P. DUMONT (France)	
Thawing of Lamb Loin Chops in Air and CO ₂ . Effect on Colour and Drip	9
V. J. MOORE (New Zealand)	
The Thickness and Quality of Backfat in Various Pig Breeds and Their Relationship to Intramuscular Fat and the Setting of Joints from the Carcasses.	21
P. D. WARRISS, S. N. BROWN, J. G. FRANKLIN & S. C. KESTIN (UK)	
The Ultra-rapid Chilling of Lamb Carcasses	31
J. J. SHERIDAN (Ireland)	
Studies on Emulsion-type Buffalo Meat Sausages Incorporating Skeletal and Offal Meat with Different Levels of Pork Fat	51
K. R. KRISHNAN & N. SHARMA (India)	
Characterization of Changes in Psychometric Colour Attributes of Comminuted Porcine Lean Meat during Processing	61
R. PALOMBO & G. WIJNGAARDS (The Netherlands)	
Research Note	
Modified Packaging as Protection against Photodegradation of the Colour of Pasteurized, Sliced Ham	77
H. J. ANDERSEN, G. BERTELSEN, A. OHLEN & L. H. SKIBSTED (Denmark)	
Book Review	85

Number 2

Colour and Colour Stability of Hot Processed Frozen Minced Beef. Results from Chemical Model Experiments Tested under Storage Conditions	87
H. J. ANDERSEN, G. BERTELSEN & L. H. SKIBSTED (Denmark)	

365

Proteinase (Cathepsin B, D, L and Calpains) Levels and Conditioning Rates in Normal, Electrically Stimulated and High-Ultimate-pH Chicken Muscle . . .	99
DAVID J. ETHERINGTON, MARK A. J. TAYLOR, DIANE K. WAKEFIELD, ANTHONY COUSINS & ERIC DRANSFIELD (UK)	
Analysis of Proteolysis and Protein Insolubility during the Manufacture of Some Varieties of Dry Sausage	111
I. ASTIASARAN, R. VILLANUEVA & J. BELLO (Spain)	
Progress Towards Using the Speed of Ultrasound for Beef Leanness Classification	119
C. A. MILES, G. A. J. FURSEY, S. J. PAGE & A. V. FISHER (UK)	
The Effects of Withholding Feed and Water on Carcass Shrinkage and Meat Quality in Beef Cattle	131
S. D. M. JONES, A. L. SCHAEFER, W. M. ROBERTSON & B. C. VINCENT (Canada)	
The Influence of Varying Degrees of Adhesion as Determined by Mechanical Tests on the Sensory and Consumer Acceptance of a Meat Product	141
ANDREW W. J. SAVAGE, SUSAN M. DONNELLY, PAUL D. JOLLEY, PETER P. PURSLOW & GEOFFREY R. NUTE (UK)	
Psychophysical Investigations into the Tenderness of Meat	159
M. L. BROEKHUIJSEN & J. D. VAN WILLIGEN (The Netherlands)	
Characteristics of Pork Products from Swine Fed a High Monounsaturated Fat Diet: Part 3—A High-Fat Cured Product	171
Y. A. ZIPPRIN, K. S. RHEE & T. L. DAVIDSON (USA)	

Number 3

Editorial	181
Connective Tissue Differences in the Strength of Cooked Meat Across the Muscle Fibre Direction due to Test Specimen Size	183
GRAHAM J. LEWIS & PETER P. PURSLOW (UK)	
Effect of Post-mortem Conditioning of Ewe Carcasses on Instrumental Texture Profile of Cooked Thigh Muscles.	195
N. S. MAHENDRAKAR, N. P. DANI, B. S. RAMESH & B. L. AMLA (India)	
The Rate of Metmyoglobin Formation in Beef, Pork, and Turkey Meat as Influenced by pH, Sodium Chloride, and Sodium Tripolyphosphate	203
GRAHAM R. TROUT (USA)	

Colour Stability of Bovine <i>Longissimus</i> and <i>Psoas major</i> Muscle as Affected by Electrical Stimulation and Hot Boning	211
RIËTTE L. J. M. VAN LAACK & FRANS J. M. SMULDERS (The Netherlands)	
Lung Proteins: Effect of Defatting with Several Solvents and Extrusion Cooking on Some Functional Properties	223
D. H. M. BASTOS & J. A. G. ARÊAS (Brazil)	
Microbiological Characteristics of Pork Chops and Ground Pork from Swine Fed a High Monounsaturated Fat Diet	237
G. R. ACUFF, L. M. LUCIA, L. E. LEPAGE, C. VANDERZANT & K. S. RHEE (USA)	
Some Microbiological Assays of Ground Beef Blended with Hydrogenated Soybean Oil	245
I. M. TIBIN (Sudan) & C. C. MELTON (USA)	
Increase in Retail Display of Frozen Lamb Chops with Increased Loin Storage Time before Cutting into Chops	251
V. J. MOORE (New Zealand)	
Letter to the Editor and Contributors	
Recommended Terminology for the Muscle Commonly designated ' <i>Longissimus dorsi</i> '	259
R. G. KAUFFMAN, R. E. HABEL (USA), F. J. M. SMULDERS, W. HARTMAN & P. L. BERGSTROM (The Netherlands)	
Book Reviews	267

Number 4

Chemical Composition and Quality Attributes of Goat Meat and Lamb	273
S. A. BABIKER, I. A. EL KHIDER & S. A. SHAFIE (Sudan)	
Influence of Breeding Systems on pH and Histochemical Properties of Muscle Fibres in Porcine <i>M. semimembranosus</i>	279
MARA LUCIA STECCHINI, FRANCESCO MASCARELLO & ADALBERTO FALASCHINI (Italy)	
Muscle Composition of Steers Treated with the β -Agonist, Cimaterol.	289
J. M. DAWSON, P. J. BUTTERY, M. GILL & D. E. BEEVER (UK)	
Effect of Vacuum-Packaged Frozen Storage, after Cooking, on the Phospholipids of Hereford and Bison	299
S. M. LEONARD & D. K. LARICK (USA)	

Quantitative Determination of Myoglobin and Haemoglobin in Beef by High-Performance Liquid Chromatography.	313
INGER M. OELLINGRATH, ARVE IVERSEN & GRETE SKREDE (Norway)	
Variation in Haem Pigment Concentration and Colour in Meat from British Pigs	321
P. D. WARRISS, S. N. BROWN, S. J. M. ADAMS & D. B. LOWE (UK)	
Calpains and Calpastatin Distribution in Bovine, Porcine and Ovine Skeletal Muscles	331
A. OUALI & A. TALMANT (France)	
Beef Tenderness and Sarcomere Length	349
F. J. M. SMULDERS, B. B. MARSH, D. R. SWARTZ, R. L. RUSSELL & M. E. HOENECKE (USA)	

